

ABSTRACT OF THE DISCLOSURE SNA-0981710

In an external cavity laser, which comprises an FBG section having the Bragg wavelength of light reflected by a grating adjusted to a given wavelength and a laser light emitting device designed to generate light, optically coupled to the FBG section to ensure input and output of the light, and including a high-reflection surface for reflecting the generated light, the light is resonated by a cavity formed between the high-reflection surface and the grating, whereby a laser beam having a given oscillation wavelength is oscillated through a connector. The FBG section is located on an optical path between the laser light emitting device and the connector, and an isolator is located on an optical path between the FBG section and the connector. The isolator serves to absorb and intercept reflected waves or reflected return light from the connector.